

Accepted Manuscript

Efficacy of a high-pressure jet device for excess sludge reduction in a conventional activated sludge process: Pilot-scale demonstration

Hiroyuki Yoshino, Toshikazu Suenaga, Tadahiro Fujii, Tomoyuki Hori, Akihiko Terada, Masaaki Hosomi

PII: S1385-8947(17)30828-8
DOI: <http://dx.doi.org/10.1016/j.cej.2017.05.084>
Reference: CEJ 16982

To appear in: *Chemical Engineering Journal*

Received Date: 8 December 2016
Revised Date: 25 April 2017
Accepted Date: 13 May 2017

Please cite this article as: H. Yoshino, T. Suenaga, T. Fujii, T. Hori, A. Terada, M. Hosomi, Efficacy of a high-pressure jet device for excess sludge reduction in a conventional activated sludge process: Pilot-scale demonstration, *Chemical Engineering Journal* (2017), doi: <http://dx.doi.org/10.1016/j.cej.2017.05.084>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Efficacy of a high-pressure jet device for excess sludge reduction in a conventional activated sludge process: Pilot-scale demonstration

Running title: Efficacy of a high-pressure jet device for excess sludge reduction

Hiroyuki Yoshino^a, Toshikazu Suenaga^a, Tadahiro Fujii^b, Tomoyuki Hori^c, Akihiko Terada^{a*},
Masaaki Hosomi^a

^aDepartment of Chemical Engineering, Tokyo University of Agriculture and Technology, Naka-cho
2-24-16 Koganei, Tokyo 184-8588, Japan

^bDPK, 5780-8, Shinyoshida, Tsuzuki, Yokohama, Kanagawa 223-0056, Japan

^cEnvironmental Management Research Institute, National Institute of Advanced Industrial Science
and Technology (AIST), Onogawa 16-1, Tsukuba, Ibaraki 305-8569, Japan

*Corresponding author: akte@cc.tuat.ac.jp Tel/Fax: +81-42-388-7069/+81-42-388-7731

Download English Version:

<https://daneshyari.com/en/article/6465437>

Download Persian Version:

<https://daneshyari.com/article/6465437>

[Daneshyari.com](https://daneshyari.com)